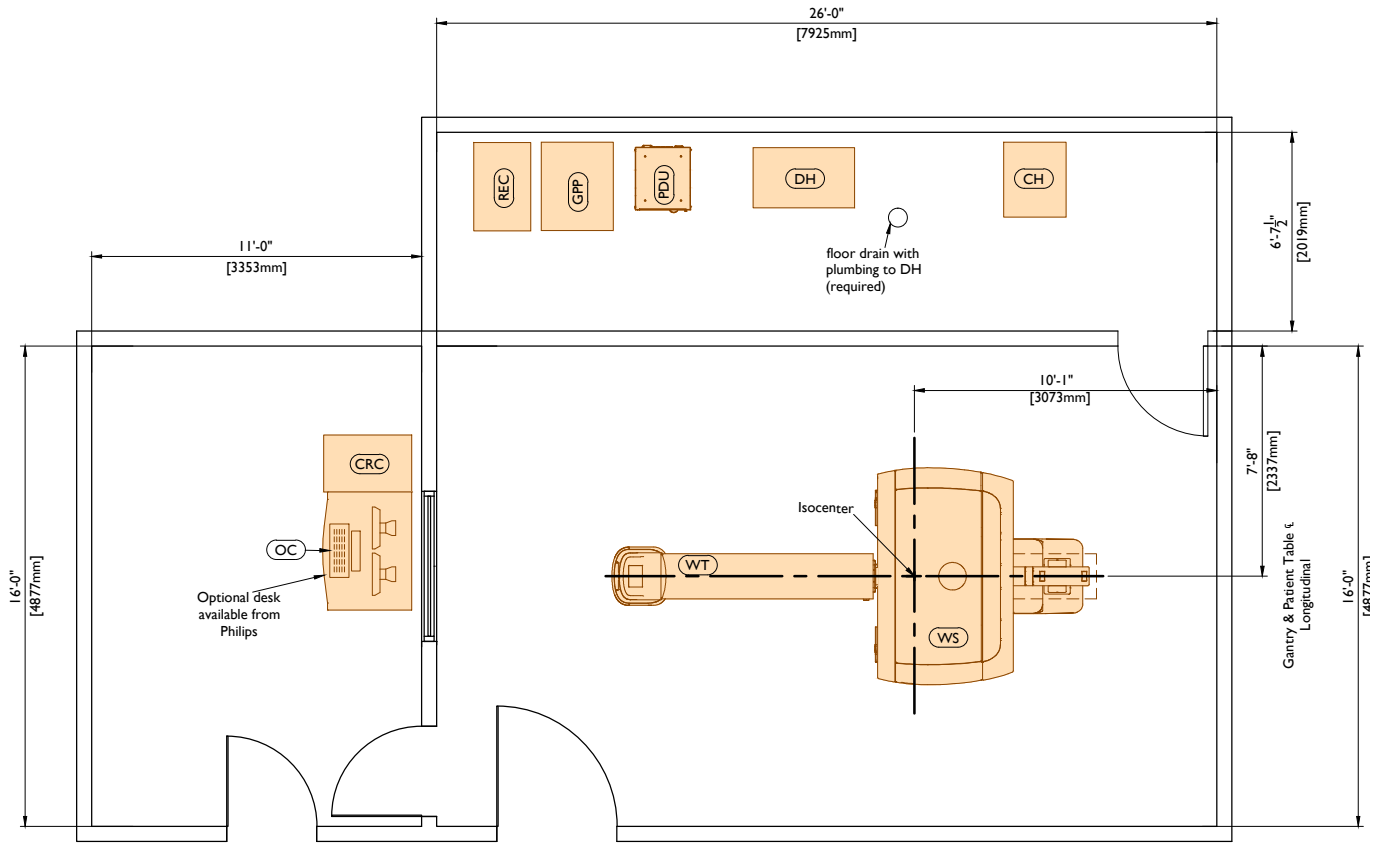
Vereos PET/CT

Preferred Room Layout

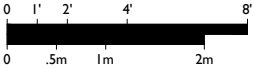
This information is provisional and subject to change.

The layout shown below is based upon a typical equipment configuration and should be considered as a general design guideline. Site conditions, application requirements, customer preferences, and/or equipment configuration may significantly impact suite design and equipment layout. It is recommended to request site-specific drawings from a Philips representative early in the design process.



Equipment Layout

Recommended Ceiling Height: 9'-0" (2743mm)
Minimum Ceiling Height: 8'-0" (2440mm)



PHILIPS

Equipment Legend

A Furnished and installed by Philips
B Furnished by customer/contractor and installed by customer/contractor
C Installed by customer/contractor
D Furnished by Philips and installed by contractor
E Existing
F Future
G Optional item furnished by Philips

Equipment Designation

		Description	Weight lbs [kg]	Heat Load Btu/hr [W]
A	WS1	PET/CT Gantry (with table catcher)	6215 [2820]	24825 [7276]
A	WT	Patient Table	1526 [693]	--
A	OC	Operator's Console	45 [20]	1000 [294]
A	CRC	CRC Cabinet	462 [210]	2000 [587]
A	REC	NMRS Cabinet	462 [210]	5293 [1552]
A	GPP	General Power Protection UPS	1073 [487]	1500 [440]
A	PDU	Power Distribution Unit	988 [449]	1566 [459]
A	CH	Chiller	300 [137]	11942 [3500]
A	DH	Dehumidifier	250 [137]	2184 [641]

Environmental Requirements for General Equipment Locations

Operating temperature range within the CT Exam Room is 64° F (18°C) to 75° F (24° C) [ideal stable room temperature setting: 72° F (22° C)] at 35% to 70% relative humidity (non-condensing). Operating temperature change per hour throughout the CT Exam Room must not exceed 5° F (3° C).

Operating temperature range throughout the rest of the CT Suite is 59°-75° F (15°-24° C) [ideal stable room temperature setting: 72° F (22° C)] at 35% to 70% relative humidity (non-condensing). Operating temperature change per hour throughout the CT Suite must not exceed 5° F (3° C).

The above conditions must be maintained at all times, including overnight, weekends, and holidays. Heat output in one area of the CT Suite msut not affect temperature and humidity in other areas. It is strongly recommended that any definable areas with the suite, i.e. equipment closets, control areas, etc. (if applicable), be individually environmentally controlled as required to meet ambient ranges specified.

Power Requirements

Supply Configuration:	3 phase, 3 wires and Earth 1 and 2
Nominal Line Voltage:	200-500 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz)
Branch Power Capacity:	130 kVA (150 kVA preferred)

Remote Service Diagnostics

Medical Imaging equipment to be installed by Philips is equipped with a service diagnostic feature whcih allows for remote and on-site service diagnostics. To establish this feature, a RJ45 type Ethernet 10/100/1000 Mbit network connector must be installed. Access to the customer's network via their remote access server is needed for Remote Service Network (RSN) connectivity. All costs associated with this feature are the responsiblity of the customer.

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